

B2 1 17. (Once Amended) A high strength cast aluminum alloy product having a
2 generally round grain structure substantially free of microshrinkage defects, wherein
3 the aluminum alloy product has an elongation of at least about 4% and is produced by
4 a process comprising the steps of:

5 providing a molten body of a melted aluminum alloy;
6 centrifugally casting the molten body to form a cast body; and
7 hot isostatically processing the cast body to form a hipped body.

1 18. (Once Amended) An article formed from an aluminum alloy having a
2 generally round grain structure and being substantially free of microshrinkage defects,
3 wherein the aluminum alloy has an elongation of at least about 4%.

B2 1 28. (Once Amended) The article of claim 27, wherein the aluminum alloy
2 comprises 0.4-0.8% Si, 0.15-0.4% Cu, 0.04-0.35% Cr, 0.8-1.2% Mg, 0.05-0.7% Fe
3 and at least 94.85 wt% Al.

B3 1 33. (Once Amended) A cast aluminum alloy article formed from a 6000
2 series aluminum alloy and having an elongation of at least about 4% and a tensile
3 strength of at least about 38 KSI, wherein the aluminum alloy has a generally round
4 grain structure.

Please add the following new Claims 40-51:

B4 1 40. (New) The product of claim 17 wherein the aluminum alloy is
2 substantially free of pores having a largest dimension which exceeds 0.0001 inch.

1 41. (New) The product of claim 40 wherein the aluminum alloy is
2 substantially free of intergranular voids.

1 42. (New) The product of claim 41 wherein the aluminum alloy has a grain
2 structure that is substantially uniform.

1 43. (New) The product of claim 18 wherein the aluminum alloy is
2 substantially free of pores having a largest dimension which exceeds 0.0001 inch.

1 44. (New) The product of claim 43 wherein the aluminum alloy is
2 substantially free of intergranular voids.

1 45. (New) The product of claim 44 wherein the aluminum alloy has a grain
2 structure that is substantially uniform.

1 46. (New) The article of Claim 33 wherein the aluminum alloy is substantially
2 free of micropores having a largest dimension which exceeds 0.0001 inch.

1 47. (New) The article of Claim 46 wherein the aluminum alloy has an average
2 grain size of about 0.003 to 0.004 inch.

1 48. (New) The article of Claim 47 wherein the aluminum alloy is substantially
2 free of microshrinkage defects.

1 49. (New) The article of Claim 48 wherein the aluminum alloy is substantially
2 free of intergranular voids.

1 50. (New) The article of Claim 49 wherein the aluminum alloy has a grain
2 structure that is substantially uniform.

1 51. (New) The article of Claim 50 wherein the aluminum alloy has an
2 elongation of at least about 4%.